



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Patent Application of

Akio Shiraiwa

Application No.: 10/688,998

Filed: October 21, 2003

For: CLAMPING DEVICE FOR TOOL
HOLDER

) MAIL STOP/AF
)
)

) Group Art Unit: 3722
)

) Examiner: Willmon Fridie, Jr.
)

) Confirmation No.: 6695
)
)
)

REQUEST FOR RECONSIDERATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated February 8, 2005, reconsideration of the present application is requested.

Claims 17 stands rejected as obvious over *Qvart* in view of *Sjoo et al.*, it being asserted that *Sjoo et al* discloses a spring (28) which increases the clamping force. However, the spring 28 of *Sjoo et al.* does not increase the clamping force, but rather reduces the clamping force. In that regard, it will be appreciated that the clamping force exerted by the clamp 16 of *Sjoo et al.* is increased by tightening the fastener 19 to push the clamp downwardly along an inclined surface 20. However, that downward movement of the clamp is opposed by the spring 28 which becomes compressed and stores energy as the clamp moves downwardly. Accordingly, the downward clamping force is reduced by the upward force of the spring.



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Title: CLAMPING DEVICE FOR TOOL HOLDER

Group Art Unit: 3722

Examiner: FRIDIE JR, WILLMON

Confirmation No.: 6695

AMENDMENT/REPLY TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a reply for the above-identified patent application.

☐ A Petition for Extension of Time is also enclosed.

☐ Terminal Disclaimer(s) and the ☐ \$65.00 (2814) ☐ \$130.00 (1814) fee per Disclaimer due under 37 C.F.R. § 1.20(d) are also enclosed.

☐ Also enclosed is/are _____

☐ Small entity status is hereby claimed.

☐ Applicant(s) requests continued examination under 37 C.F.R. § 1.114 and enclose the ☐ \$395.00 (2801) ☐ \$790.00 (1801) fee due under 37 C.F.R. § 1.17(e).

☐ Applicant(s) requests that any previously unentered after final amendments not be entered. Continued examination is requested based on the enclosed documents identified above.

☐ Applicant(s) previously submitted _____

on _____
for which continued examination is requested.

☐ Applicant(s) requests suspension of action by the Office until at least _____, which does not exceed three months from the filing of this RCE, in accordance with 37 C.F.R. § 1.103(c). The required fee under 37 C.F.R. § 1.17(i) is enclosed.

☐ A Request for Entry and Consideration of Submission under 37 C.F.R. § 1.129(a) (1809/2809) is also enclosed.

- ☒ No additional claim fee is required.
- ☐ An additional claim fee is required, and is calculated as shown below.

AMENDED CLAIMS					
	No. of Claims	Highest No. of Claims Previously Paid For	Extra Claims	Rate	Additional Fee
Total Claims	22	MINUS 22 =	0	x \$50.00 (1202) =	\$ 0.00
Independent Claims	3	MINUS 3 =	0	x \$200.00 (1201) =	\$ 0.00
If Amendment adds multiple dependent claims, add \$360.00 (1203)					
Total Claim Amendment Fee					\$ 0.00
<input type="checkbox"/> Small Entity Status claimed - subtract 50% of Total Claim Amendment Fee					\$ 0.00
TOTAL ADDITIONAL CLAIM FEE DUE FOR THIS AMENDMENT					\$ 0.00

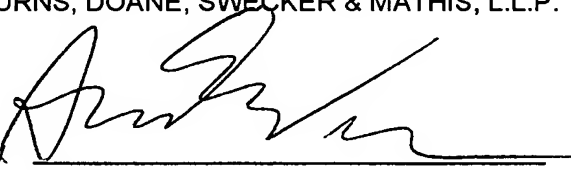
- ☐ A check in the amount of _____ is enclosed for the fee due.
- ☐ Charge _____ to Deposit Account No. 02-4800.
- ☐ Charge _____ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17, 1.20(d) and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By


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Date: April 19, 2005